

Converting Colors

Hex(7B87D6)

Have a look what the booklet for
Hex(7B87D6) contains.

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Color

Hex(7B87D6)

Conversions

Conversions Part 1

Format	Color
Hex	7B87D6
RGB	123, 135, 214
RGB Percent	48%, 53%, 84%
CMY	0.5176, 0.4706, 0.1608
CMYK	0.43, 0.37, 0.00, 0.16
HSL	232°, 53%, 66%
HSV	232°, 43%, 84%
XYZ	28.9700, 26.3939, 67.1860
YIQ	140.4180, -32.5110, 22.0250

Conversions

Conversions Part 2

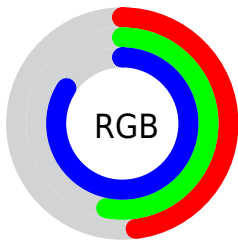
Format	Color
R_{YB}	123, 134, 214
Decimal	8095702
CIE _{Lab}	58.41, 15.76, -41.98
CIE _{LCh}	58, 44.839, 290.580
Yxy	26.3939, 0.2364, 0.2154
Android (android.graphics.Color)	4286285782 (0xFF7B87D6)
YUV	140.4180, 36.2759, -15.2756
Hunter-Lab	51.3750, 10.7484, -41.5743

Details

The Hex color **7B87D6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D6CA7B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B3BCFF**, and **44569F** is the 20% darker color. If you saturate the color by 10%, you get **6674D6**, and if you desaturate by 10%, it is **909AD6**.

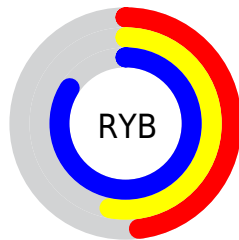
Distribution



Red (48%)

Green (53%)

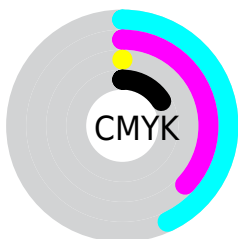
Blue (84%)



Red (48%)

Yellow (53%)

Blue (84%)

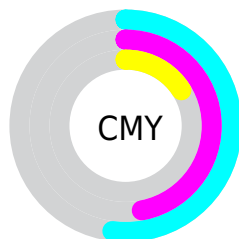


Cyan (43%)

Magenta (37%)

Yellow (0%)

Black (16%)



Cyan (52%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B87D6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7B87D6 by changing the saturation by 10% instead.

 7B87D6

 7B87D6

FFFFFF

 606EBA

 B3BCFF

 44569F

 CFD8FF

 263F84

 EDF4FF

 00296B

 001652

 00003B

 000224

 00000C

 000000

■ 7B87D6

■ 7B87D6

■ 6674D6

■ 909AD6

■ 5062D6

■ A6ACD6

■ 3B4FD6

■ BBBFD6

■ 253DD6

■ D1D1D6

■ 102AD6

■ E6E4D6

■ 001CD6

■ FBF6D6

■ FFFFD6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0D94DA



7B87D6



B178BF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7B87D6



CA7751



00A07E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7B87D6



D6CA7B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5B9B59



7B87D6



AE863D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7B87D6



D66D73



899340



00A0A7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7B87D6



C76FA7



899340



2E9E71

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7B87D6



DEE2FF



7BD6CA



6B6E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7B87D6



7D8EFF



9C7BD6



60626B



0017AB



00062B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D67B87



FF7D8E



B5D67B



6B6062



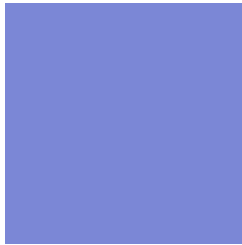
AB0017



2B0006

Previews

White Background



This preview shows how the Hex color 7B87D6 looks on a white background.

Color Contrast Check

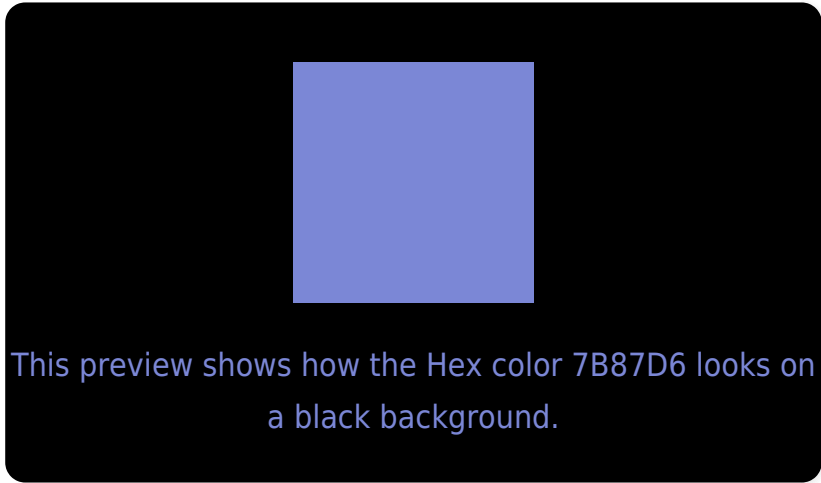
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

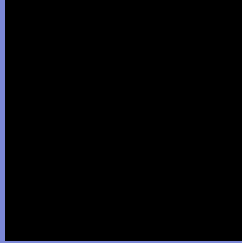
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7B87D6 Background



This preview shows how black text looks on a background with the Hex color 7B87D6.

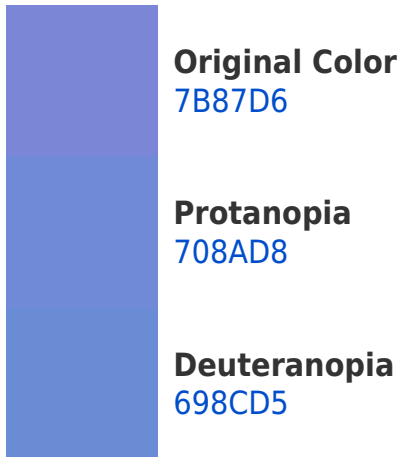



This preview shows how white text looks on a background with the Hex color 7B87D6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

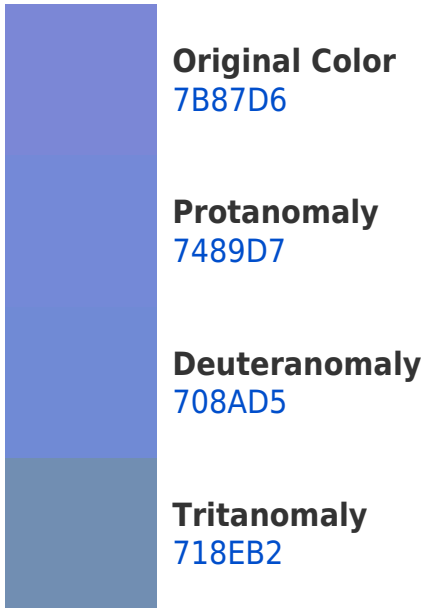
Dichromacy



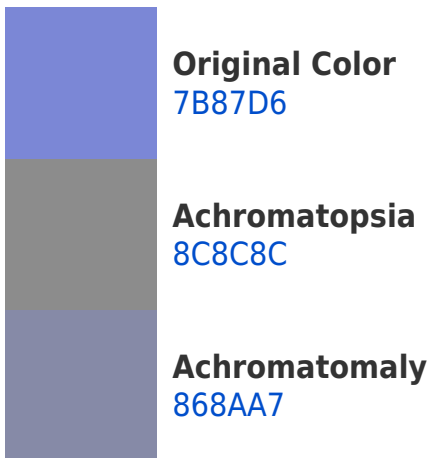


Tritanopia
6C929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B87D6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7B87D6 looks like.

```
.text, #text, p{  
    color:#7B87D6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7B87D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B87D6
}
```

Border

The CSS property to change the border of an element to Hex 7B87D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

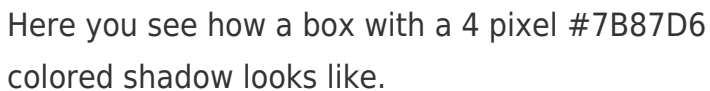
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B87D6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7B87D6 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7B87D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B87D6; -webkit-box-shadow:4px 4px  
4px 4px #7B87D6; box-shadow:4px 4px 4px  
4px #7B87D6 }
```

Background

The CSS property to change the background color of an element to Hex 7B87D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B87D6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7B87D6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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